

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	("3094974"   "4216745"   "4286557"   "4770138"   "4920937"   "5127379"   "5140958"   "5209200"   "5259348"   "5271362").PN. OR ("5996548"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 15:49
L2	386	123/301.ocls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 16:00
S1	54	"4920937"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 10:52
S2	184	(transverse with spray) and injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:21
S3	67	S2 and "239"/\$. ocls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 21:54
S4	41	S2 and "123"/\$. ocls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:15
S5	19	("3559892"   "4570853"   "5163621"   "5449121").PN. OR ("6045063"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 21:55
S6	487	239/533.1.ocls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:36
S7	1118	239/533.2.ocls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:36

S8	278	239/533.7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:36
S9	344	239/533.8.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:36
S10	623	239/533.9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 10:38
S11	857	239/533.12.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:37
S12	233	239/489.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:37
S13	352	239/460.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:37
S14	658	123/276.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:37
S15	428	123/301.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:37
S16	458	123/298.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:38
S17	218	123/302.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:38
S18	1043	123/305.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:39
S19	54	"4920937"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:39

S20	29	"5553588"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:40
S21	21	"5740777"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/15 22:40
S22	6	"6199538"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:02
S23	63592	(fuel injector with cylinder) and rotate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:03
S24	30436	S23 and wall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:04
S26	867	S24 and "239"/\$. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:16
S27	4	S24 and 239/533.11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:08
S28	290	239/533.11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:08
S29	1	S28 and (cylinder same rotate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:08
S30	29	("2592111"   "2750957"   "3139076"   "3314303"   "4151958"   "4382554"   "4693424"   "4747376"   "4750675"   "4905908"   "4909444").PN. OR ("5127584"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 11:11

S31	6498	S24 and "123"/\$. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:16
S32	1091	S31 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:17
S33	77	S32 and clamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:40
S34	16	"4899699"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/16 11:40
S35	27	("2246019"   "3096751"   "3190271"   "4168804"   "4275844"   "4327675"   "4515129"   "4524743"   "4633830"   "4753213").PN. OR ("4899699"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 12:02
S36	134	valve adj stem adj rotate	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 12:02
S37	14	S36 and fuel	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 12:03
S38	3	S37 and cylinder	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 12:03
S39	77	barney-seth.xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/19 15:36
S40	5	("4943004"   "6079636"   "6279842"   "6386185"   "6663015").PN. OR ("6969009"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 17:09
S41	190	(drive with unit) and (integral with needle)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 17:22

S42	11	(drive with unit) and (integral with needle) and piezo \$8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 10:57
S43	52	(drive with unit) and (fixed with needle) and piezo \$8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 10:58
S44	375	(rotate with injector) and fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 10:17
S45	188	S44 and "123"/\$. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 10:34
S46	5	"4382553"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 10:34
S47	6	("3542293"   "4153205").PN. OR ("4382553"). URP.N.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 10:35
S48	24	(rota\$4 with needle)and 239/533.9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:40
S49	1952410	oil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:40
S50	2118267	chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:41
S51	6074	lubricat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:41
S52	828810	piston	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:42
S53	4675001	pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:42

S54	1300638	pump	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:42
S55	1782845	cylinder	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:42
S56	95081	rotat	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/25 11:42
S58	36	S49 and S50 and S51 and S52 and S53 and S54 and S55 and S56	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/26 12:47
S63	25	mcgraw-trevor.xa.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 15:19
S64	42	kamen-noah.xp.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 15:19
S65	4	("6334422"). URPN.	USPAT	OR	OFF	2007/04/27 16:02
S66	38920	stub	USPAT	OR	OFF	2007/04/27 16:02
S67	541573	oil	USPAT	OR	OFF	2007/04/27 16:02
S68	923194	supply	USPAT	OR	OFF	2007/04/27 16:02
S69	454220	discharge	USPAT	OR	OFF	2007/04/27 16:03
S70	783	S66 and S67 and S68 and S69	USPAT	OR	OFF	2007/04/27 16:06
S71	354	S70 and rotate	USPAT	OR	OFF	2007/04/27 16:06
S72	21	S71 and "123"/\$. ocls.	USPAT	OR	OFF	2007/04/27 16:10
S73	8	"1999967"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/26 08:49

8/ 14/ 2008 4:20:15 PM

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